Solution for home and business users

XPC Barebone
SD32G2

The Shuttle XPC Barebone SD32G2 has been especially designed for the home and business environment. It offers exceptional value for money, yet has all the features of a conventional PC. Thanks to its PCI-Express x16 expansion slot, the Shuttle XPC Barebone SD32G2 can utilise the latest graphics cards. Furthermore, an additional PCI slot is available for even more expansion cards. 8-channel sound, six USB 2.0 ports, Gigabit-LAN and the capacity for up to two Gigabytes of RAM complete the package. The integrated 250W SilentX power supply also provides for a particularly silent operation.

Feature Highlight

G2 chassis	• Aluminum chassis (silver) • Bays: 1x 5.25“, 2x 3.5“
Chipset	• Intel 945G + ICH7 • Integrated GMA950 graphics
CPU	• Socket 775 • Supports Intel Core 2 Duo, Pentium D, Pentium 4 and Celeron D • Supports 1066, 800 and 533MHz FSB • Shuttle I.C.E. Heatpipe-cooling
Slots	• 1x PCI-Express (x16) • 1x PCI (32 Bit)
Memory	• Supports 2x DDR2-533/667 modules • Supports up to a total size of 4 GB
Drive connectors	• 2x Serial-ATA 3 Gb/s • 1x IDE ATA 100, 1x floppy
Other connectors	• 8-channel HD audio • 2x Firewire • USB 2.0 (2x front, 4x rear) • GigaBit LAN
Power supply	• SilentX 250 Watt
Application	• Business, Home

Prduct ID: SD32G2
Order No: PC-SD32G2
UPC (see bar code)

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Shuttle XPC Barebone SD32G2 Specification

Chassis	G2-type aluminum chassis, silver color storage bays: 1 x 5.25", 2 x 3.5" (1 internal) dimensions: 30 x 20 x 18.5 cm (LWH), weight: 3.2 kg net / 4.8 kg gross
Mainboard	Shuttle FD32, Shuttle form factor, proprietary design Shuttle for XPC Barebone SD32G2 Chipset: Intel 945G (Lakeport-G) + ICH7 Award V6.0PG BIOS, 4MBit flash memory with hardware monitoring and ACPI power management functions dimensions: 25.4 x 18.5 cm
Power Supply	SilentX 250 Watt mini PSU, supports 100~240V, connectors: 20-pin ATX, 4-pin ATX12V EMI certified: FCC, CE, BSMI; Safety certified: UL, TÜV, CB
Processor Support	Socket 775 supports dual core and single core Intel processors: Core 2 Duo, Pentium D, Pentium 4 and Celeron D Supports 1066, 800 oand 533 FSB clock frequency Supports 65nm and 90nm manufacturing technology supports Hyper-Threading and 64-bit extension (EM64T)
Processor Cooling	Shuttle I.C.E. (Integrated Cooling Engine) advanced I.C.E. Heatpipe technology, linear controlled 92mm fan SilentX cooling and noise reduction technology with Active Airflow
Memory Support	2 x 240 pin slots, supports Dual Channel supports DDR2-533/667 DDR SDRAM memory up to a total size of 4 GB, max. 2 GB per DIMM
Expansion Slots	1 x PCI-Express (16X) supports 8 GB/s data transfer 1 x PCI (32 bit)
Integrated Graphics	Intel Graphics Media Accelerator 950 (GMA950) with PCI-E x1 improved bandwidth, features 333MHz graphics core DX8/DX9 support and enhanced 3D performance Dynamic Video Memory Technology (DVMT) 3.0, shared Memory max. 224 MB
8-channel Audio	7.1 channel High Definition Audio, Realtek ALC882 analog: line-out (8-ch), line-in, microphone Optional optical SPDIF input/output (digital audio)
Gigabit-LAN Controller	Marvell 88E8001 Ethernet network controller (Gigabit) supports 10 / 100 / 1.000 MBit/s operation, supports Wake-on-LAN

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Firewire-Controller	Firewire controller VIA VT6308 IEEE1394 OHCI V1.0 compliant with 2 Firewire connectors (front and rear) supports 400Mb/s, 200Mb/s, 100Mb/s data transfer rate
Drive connectors	2 x Serial-ATA II, 3 Gb/s (300 MB/s) bandwidth, 1 x IDE ATA 100 drives 1 x floppy disk drive
Front panel connectors	Microphone Headphone (Line-out) 2x USB 2.0 Firewire (Mini 4 pin connector) Power button Reset button
Back panel connectors	VGA connectorr (D-Sub 15 pol.) 4x USB 2.0 GigaBit LAN (RJ45) Firewire (6 pin) PS/2 for mouse and keyboard Serial port (COM) 8-ch Audio line-out (2x rear/front, bass/center, surround/back) SPDIF: optical in/out, coaxial out Audio Line-in CMOS button optional Wireless LAN module (PN18) optional parallel port (PC8/PC15) optional optical SPDIF input/output ports (PC17)
Other connectors	2 x fan connectors (4 pin)
Accessories	Multi-language user guide, 32-bit Driver CDROM, 64-bit Driver CDROM, Shuttle Extras CDROM, I.C.E. heat-pipe module, Cable for FDD, SATA (1x), PATA (1x) Power cord, Screws, Heatsink Compound

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